WHAT IS CLAIMED IS:

1. Adhesive composition comprising a polyisocyanate component and a polyol component, wherein the polyol component includes polyester polyamide polyol and/or polyurethane polyester polyamide polyol including an amide bond produced by reaction between a dimer acid and polyamine, and wherein concentration of a cyclic compound containing the amide bond and/or an ester bond in extracted water which is extracted from a composite film adhesively bonded by the adhesive composition by water of 0.5mL/cm^2 per unit area of the composite film is 0.5ppb or less in terms of dibutyl phthalate concentration measured with a gas chromatograph-flame ionization detector.

2. The adhesive composition according to Claim 1, wherein the polyester polyamide polyol and/or the polyurethane polyester polyamide polyol includes the ester bond produced by reaction between a polybasic acid and/or alkylester thereof and polyol, and wherein the polybasic acid is an aromatic dibasic acid and/or the dimer acid.

3. The adhesive composition according to Claim 1, wherein 10-90mol% of a carboxyl group of the dimer acid forming the amide bond reacts with an amino group of the polyamine.

4. The adhesive composition according to Claim 1, which further comprises a silane coupling agent.

5. The adhesive composition according to Claim 1, which is used for production of a flexible packaging composite film.

6. A flexible packaging composite film adhesively bonded by adhesive composition which comprises a polyisocyanate component and a polyol component, the polyol component including polyester polyamide polyol and/or polyurethane polyester polyamide polyol including an amide bond produced by reaction between a dimer acid and polyamine and in which concentration of a cyclic compound containing the amide bond and/or an ester bond in extracted water which is extracted from the composite film adhesively bonded by the adhesive composition by water of 0.5mL/cm^2 per unit area of the composite film is 0.5ppb or less in terms of dibutyl phthalate concentration measured with a gas chromatograph-flame ionization detector.